

Please type a plus sign (+) inside this box →

PTO/SB/08A (10-96)
Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Section of Information unless it contains a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449VPTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	
Filing Date	
First Named Inventor	Masomeh B. Sticklen
Group Art Unit	
Examiner Name	
Attorney Docket Number	MSU 4.1-539

Sheet 1 of 1

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

Russell Kallin

Date
Considered

1-30-2004

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

Please type a plus sign (+) inside this box → ☐

PTO/SB/088 (10-95)
Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number		
			Filing Date		
			First Named Inventor	Masomeh B. Sticklen	
			Group Art Unit		
			Examiner Name		
Sheet	1	of	4	Attorney Docket Number	MSU 4.1-539

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		A1 Wilke et al., Biotechnol. Bioengin. 6: 155-175 (1976).	
RK	A2	Austin et al., Euphytica 85: 381-393 (1995).	
RK	A3	Yadev et al., Appl. Environ. Microbiol. 61: 2560-2565 (1995).	
		A4 Reddy, Curr. Opin. Biotechnol. 6: 320-328 (1995).	
RK	A5	Yadev et al., Appl. Environ. Microbiol. 61: 677-680 (1994).	
RK	A6	de Boer et al., Gene 6: 93-102 (1987).	
		A7 Corrigendum in Gene 69: 369 (1988).	
RK	A8	Zhang et al., Theor. Appl. Genet. 92: 752-761 (1996).	
RK	A9	Zhong et al., Plant Physiol. 110: 1097-1107 (1996).	
RK	A10	Zhong et al., Planta 187: 483-489 (1992).	
RK	A11	Lee et al., EMBO J. 7:1241 (1988).	

Examiner Signature	Russell Kallen	Date Considered	1-20-2004
--------------------	----------------	-----------------	-----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

† Unique citation designation number. ‡ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → ☐

PTO/SB/088 (10-95)
Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number		
			Filing Date		
			First Named Inventor	Masomeh B. Sticklen	
			Group Art Unit		
			Examiner Name		
Sheet	2	of	4	Attorney Docket Number	MSU 4.1-539

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
RK	B1	Miki et al., Theor. Appl. Genet. 80: 449 (1990).	
RK	B2	Marshall et al., Theor. Appl. Genet. 83: 435 (1992).	
RK	B3	VanDamme et al., Plant Mol. Biol. 24: 825 (1994).	
RK	B4	Abe et al., J. Biol. Chem. 262: 16793 (1987).	
RK	B5	Hubb et al., Plant Mol. Biol. 21: 985 (1993).	
	B6	Paynes et al., Plant Sci. 89: 43 (1993).	
RK	B7	Beachy et al., Ann. Rev. Phytopathol. 28: 451 (1990).	
RK	B8	Tavladoraki et al., Nature 366:469 (1993).	
RK	B9	Yamaguchi-Shinozaki et al., Plant Cell 6: 251-264 (1994).	
RK	B10	Allen et al., The Plant Cell 5: 603-613 (1993).	
RK	B11	Allen et al., The Plant Cell 8: 899-913 (1996).	

Examiner Signature	<i>Russell Kallis</i>	Date Considered	1-30-2004
--------------------	-----------------------	-----------------	-----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → ☐

PTO/SB/088 (10-96)
Approved for use through 10/31/99, OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number		
			Filing Date		
			First Named Inventor	Masomeh B. Sticklen	
			Group Art Unit		
			Examiner Name		
Sheet	3	of	4	Attorney Docket Number	MSU 4.1-539

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ²	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
RK	C1	Mlynarova et al., The Plant Cell 8: 1589-1599 (1996).	
	C2	Wilke et al., Biotechnol. Bioengin. 6: 155-175 (1976).	
RK	C3	Thornburg et al., Proc Natl. Acad. Sci. USA 84: 744-748 (1987).	
RK	C4	Thompson et al., EMBO J. 6: 2519-2523 (1987).	
RK	C5	Zhang et al., Plant Science 116: 73-84 (1996).	
RK	C6	McElroy et al., Mol. Gen. Genet. 231: 150-160 (1991).	
RK	C7	Loza-Ravera et al., Plant Physiol. 93: 541-548 (1990).	
RK	C8	Cao et al., Plant Cell Reports 11: 586-591 (1992).	
	C9	Shoemaker et al., Bio/Technology (1983)	
	C10	Murashige et al., Physiol. Plant 15: 473-497 (1962).	
RK	C11	Zhong et al., Planta 187: 490-497 (1992).	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

¹ EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

² Unique citation designation number. ³ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → +

PTO/SB/088 (10-96)
Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known	
	Application Number			
	Filing Date			
	First Named Inventor	Masomeh B. Sticklen		
	Group Art Unit			
	Examiner Name			
Sheet	4	of	4	Attorney Docket Number
				MSU 4.1-539

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ²	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	P ²
		Jenes et al., In Transgenic Plants Vol 1, Kung S-D and D1 Wu R. (eds.) Academic Press, San Diego CA pp.125-146 (1992).	
		Ghose In Analytical Method B-304, rev.A, IUPAC Comm. on D2 Biotechnology. A Short Report (1984).	
RK	D3	Dale et al., Biosource Technol. 56:111-116 (1996).	
RK	D4	de la Rosa et al., Appl. Biochem. Biotechnol. 45/46 (1996).	
RK	D5	Tien et al., Meth. Enzymol. 161: 238-249 (1988).	
RK	D6	Bradford, Alanl. Biochem. 72: 248-254 (1976).	
RK	D7	Reddy et al., FEMS Microbiol. Rev. 13: 137-152 (1994).	
		D8 VanSoest et al., Assoc. Off. Anal. Chem. J. 51:780-785 (1968).	

Examiner Signature	Russell Kallen	Date Considered	1-30-2004
--------------------	----------------	-----------------	-----------

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

² Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.